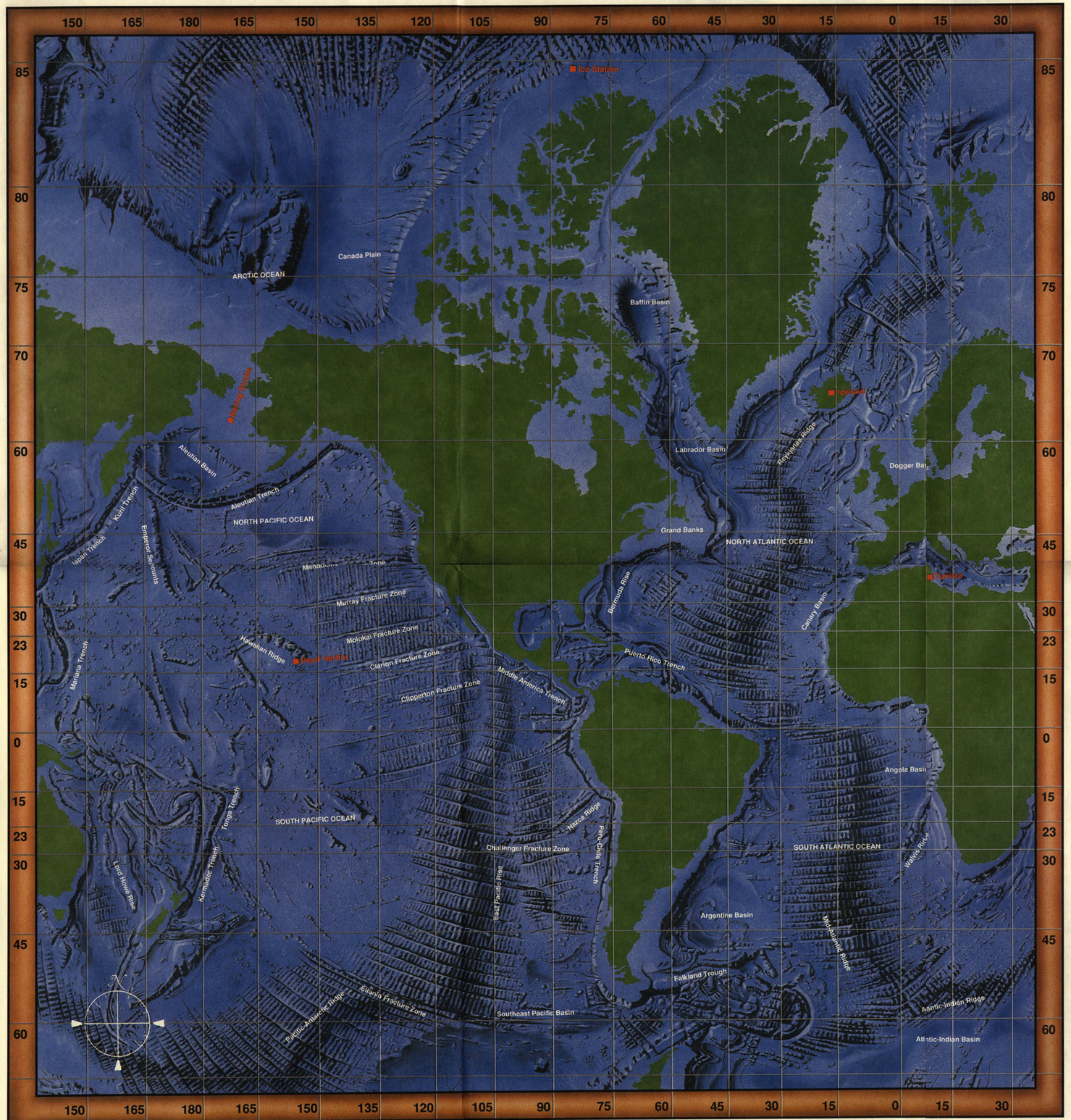
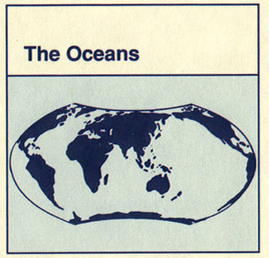
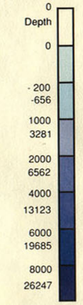






The Earth: Land and Water

	Total Area			Area of Oceans and Seas	
	km²	*sq. mi.*	%	km²	*sq. mi.*
Earth	510,100,000	*197,000,000*	29.3	360,700,000	*139,300,000*
N. Hemisphere	255,050,000	*98,500,000*	41.6	149,004,350	*57,550,000*
S. Hemisphere	255,050,000	*98,500,000*	17.0	211,695,650	*81,750,000*

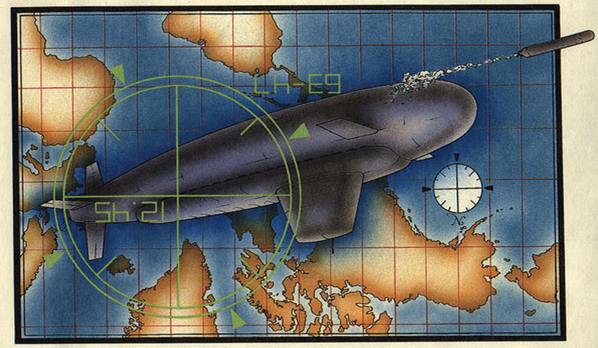
Oceans, Seas, and Gulfs

	Area		Greatest Depth	
Name	km²	*sq. mi.*	m	*ft*
Pacific Ocean	165,200,000	*63,800,000*	11,022	*36,161*
Atlantic Ocean	82,400,000	*31,800,000*	9,220	*30,249*
Indian Ocean	74,900,000	*28,900,000*	7,450	*24,442*
Arctic Ocean	14,000,000	*5,400,000*	5,450	*17,881*
Arabian Sea	3,863,000	*1,492,000*	5,800	*19,029*
South China Sea	3,447,000	*1,331,000*	5,560	*18,241*
Caribbean Sea	2,754,000	*1,063,000*	7,680	*25,197*
Mediterranean Sea	2,505,000	*967,000*	5,020	*16,470*
Bering Sea	2,270,000	*876,000*	4,191	*13,750*
Bengal, Bay of	2,172,000	*839,000*	5,258	*17,251*
Okhotsk, Sea of	1,580,000	*610,000*	3,372	*11,063*
Norwegian Sea	1,547,000	*597,000*	4,020	*13,189*
Mexico, Gulf of	1,544,000	*596,000*	4,380	*14,370*
Hudson Bay	1,230,000	*475,000*	259	*850*
Greenland Sea	1,205,000	*465,000*	4,846	*15,899*

USS BLACK HAWK/COARSEGOLD CLASS

TOTAL BUILT: 1
LAUNCHED: 1997
COMMISSIONED: 1999

DISPLACEMENT:
4,000 TONS
DIMENSIONS:
150 x 25 x 25 FT.
ENGINE:
1 HYPER DYNE PRESSURIZED-WATER COOLED S6G REACTOR
SPEED, KNOTS:
60+ SUBMERGED
MISSILES:
8 "HARPOON" ACTIVE RADAR HOMING TO 150 NM AT 0.9 MACH; WARHEAD 500 LB.
TORPEDOES:
4-21" TUBES MIDSHIPS. STING RAY 8; ACTIVE/PASSIVE SONAR HOMING RANGE (35 NM) AT 90 KNOTS; WARHEAD 587 LB.; DEPTH TO 2,950'.
TOTAL OF 26 WEAPONS CAN BE TUBE-LAUNCHED, FOR EXAMPLE-8 TOMAHAWK, 4 HARPOON, 14 TORPEDOES.
MINES:
CAN LAY MINES
COUNTERMEASURES:
DECOYS; EMERSON ELECTRIC MK 2; TORPEDO DECOY ESM: BRD-7; DIRECTION FINDING. WELR-12; RADAR WARNING. WLR-9A; INTERCEPT
FIRE CONTROL:
UYK-7 COMPUTER. MK 117 MOD 10 TORPEDO FIRE CONTROL SYSTEM. FITTED WITH WSC-3 SATELLITE COMMUNICATIONS TRANSCEIVER.
RADARS:
SURFACE SEARCH/NAVIGATION/FIRE CONTROL: SPERRY BPS 15A; I/J BAND.
SONARS:
IBM BQQ 5D; PASSIVE/ACTIVE SEARCH AND ATTACK; LOW FREQUENCY.
AMETEC BQS 15; ACTIVE CLOSE-RANGE INCLUDING ICE DETECTION; HIGH FREQUENCY.



WESTERN HEMISPHERE

SUBMARINE NAVIGATION CHART

Sierra Quest

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